

Comparisons of Job Characteristics

Focus Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

Associated Occupation: Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders (51-9021)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

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Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	14.4	12.6	<	Expanded education and/or training may be required
Production and Processing	6.0	11.9	11.1	0	Current knowledge level may be sufficient
Chemistry	4.8	9.0	1.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 82

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Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	13.9	12.9	0	Current skill level may be sufficient
Operation and Control	5.4	12.9	11.1	<	A higher skill level may be required
Quality Control Analysis	5.9	10.5	10.8	0	Current skill level may be sufficient
Equipment Maintenance	3.5	8.4	11.1	>>	Skill level is likely more than sufficient
Troubleshooting	4.5	8.2	9.2	>	Skill level is likely sufficient
Repairing	3.4	8.1	10.6	>>	Skill level is likely more than sufficient
Equipment Selection	3.3	6.9	8.6	>	Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 84

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Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reaction Time	4.8	12.9	10.4	<	Some improvement in abilities may be required
Manual Dexterity	6.5	12.2	12.8	0	Current ability level may be sufficient
Arm-Hand Steadiness	6.8	11.8	11.8	0	Current ability level may be sufficient
Multilimb Coordination	6.0	11.8	9.2	<	Some improvement in abilities may be required
Perceptual Speed	7.4	10.8	11.0	0	Current ability level may be sufficient
Rate Control	3.8	10.8	9.1	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	10.3	9.1	<	Some improvement in abilities may be required
Auditory Attention	5.9	10.1	8.8	<	Some improvement in abilities may be required
Response Orientation	4.0	9.5	7.1	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	7.7	5.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Tool Grinders, Filers, and Sharpeners (51-4194)

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Work Activities	Exclusivity of Activity
Adjust production equipment/machinery setup	25
Clean equipment or machinery	20
Examine products or work to verify conformance to specifications	15
Load or unload material or workpiece into machinery	34
Maintain or repair industrial or related equipment/machinery	39
Monitor production machinery/equipment operation to detect problems	27
Operate metal or plastic fabricating equipment/machinery	54
Perform safety inspections in manufacturing or industrial setting	33
Use hand or power tools	2
Use precision measuring tools or equipment	17

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

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Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.